

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

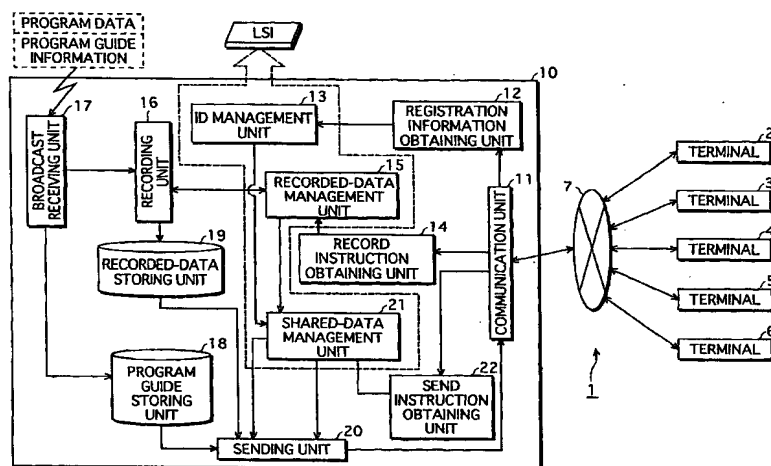
PCT

(10) International Publication Number
WO 2005/004483 A2

- (51) International Patent Classification⁷: **H04N 7/16**, H04H 9/00, 1/00
- (21) International Application Number: PCT/JP2004/008255
- (22) International Filing Date: 7 June 2004 (07.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 2003-271928 8 July 2003 (08.07.2003) JP
- (71) Applicant (for all designated States except US): **MAT-SUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **IWATA, Yoshiaki. ICHO, Keiji. TANIKAWA, Kentaro.**
- (74) Agent: **NAKAJIMA, Shiro**; 6F, Yodogawa 5-bankan, 2-1, Toyasaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: NETWORK RECORDING SYSTEM AND RECORDING DEVICE



(57) Abstract: A device that performs a master/slave switching process dynamically changing a device functioning as a master device in a network in consideration of fixed device performances and also variable device states is provided. A device's own device information managing section (15) of a master device (1) manages device's own device information regarding its own device. Another device information managing section (16) manages other device information regarding other devices, which are slave devices. A schedule information managing section (17) manages schedule information regarding master device candidates. A device information processing section (13) obtains predetermined information, such as the remaining amount of battery, from a slave device specified based on the other device information and the schedule information at a predetermined time. The device information processing section (13) then compares the obtained predetermined information and the device's own device information to determine whether a device more suitable as the master device than its own device (1) is present. If such a suitable device is present, a master/slave switching process is performed with this suitable device.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.